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 NEWS  1          Web Page for STN Seminar Schedule - N. America
 NEWS  2  MAR 15  WPIDS/WPIX enhanced with new FRAGHITSTR display format
 NEWS  3  MAR 16  CASREACT coverage extended
 NEWS  4  MAR 20  MARPAT now updated daily
 NEWS  5  MAR 22  LWPI reloaded
 NEWS  6  MAR 30  RDISCLOSURE reloaded with enhancements
 NEWS  7  APR 02  JICST-EPLUS removed from database clusters and STN
 NEWS  8  APR 30  GENBANK reloaded and enhanced with Genome Project ID field
 NEWS  9  APR 30  CHEMCATS enhanced with 1.2 million new records
 NEWS 10  APR 30  CA/CAplus enhanced with 1870-1889 U.S. patent records
 NEWS 11  APR 30  INPADOC replaced by INPADOCDB on STN
 NEWS 12  MAY 01  New CAS web site launched
 NEWS 13  MAY 08  CA/CAplus Indian patent publication number format defined
 NEWS 14  MAY 14  RDISCLOSURE on STN Easy enhanced with new search and display
                  fields
 NEWS 15  MAY 21  BIOSIS reloaded and enhanced with archival data
 NEWS 16  MAY 21  TOXCENTER enhanced with BIOSIS reload
 NEWS 17  MAY 21  CA/CAplus enhanced with additional kind codes for German
                  patents
 NEWS 18  MAY 22  CA/CAplus enhanced with IPC reclassification in Japanese
                  patents
 NEWS 19  JUN 27  CA/CAplus enhanced with pre-1967 CAS Registry Numbers
 NEWS 20  JUN 29  STN Viewer now available
 NEWS 21  JUN 29  STN Express, Version 8.2, now available
 NEWS 22  JUL 02  LEMBASE coverage updated
 NEWS 23  JUL 02  LMEDLINE coverage updated
 NEWS 24  JUL 02  SCISEARCH enhanced with complete author names
 NEWS 25  JUL 02  CHEMCATS accession numbers revised
 NEWS 26  JUL 02  CA/CAplus enhanced with utility model patents from China

 NEWS EXPRESS  29 JUNE 2007:  CURRENT WINDOWS VERSION IS V8.2,
               CURRENT MACINTOSH VERSION IS V6.0c(ENG) AND V6.0Jc(JP),
               AND CURRENT DISCOVER FILE IS DATED 05 JULY 2007.

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 NEWS IPC8     For general information regarding STN implementation of IPC 8

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FILE 'HOME' ENTERED AT 08:05:59 ON 09 JUL 2007

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COST IN U.S. DOLLARS                                    SINCE FILE      TOTAL
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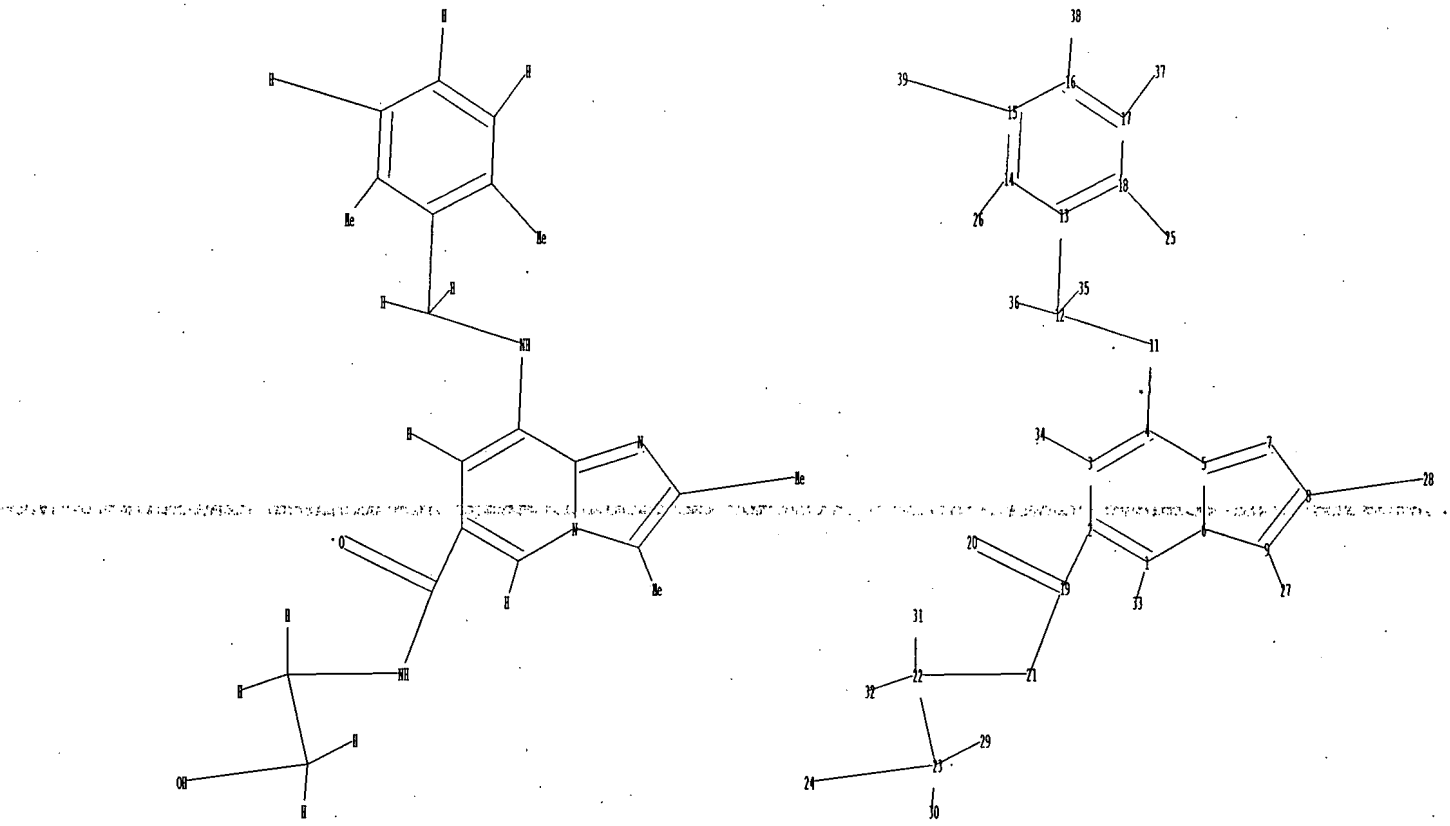

chain nodes :
11 12 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37
38 39
ring nodes :
1 2 3 4 5 6 7 8 9 13 14 15 16 17 18
chain bonds :
1-33 2-19 3-34 4-11 8-28 9-27 11-12 12-13 12-35 12-36 14-26 15-39 16-38
17-37 18-25 19-20 19-21 21-22 22-23 22-31 22-32 23-24 23-29 23-30
ring bonds :
1-2 1-6 2-3 3-4 4-5 5-6 5-7 6-9 7-8 8-9 13-14 13-18 14-15 15-16 16-17
17-18
exact/norm bonds :
1-2 1-6 2-3 3-4 4-5 4-11 5-6 5-7 6-9 7-8 11-12 19-20 19-21 21-22
23-24
exact bonds :
1-33 2-19 3-34 8-9 8-28 9-27 12-13 12-35 12-36 14-26 15-39 16-38 17-37
18-25 22-23 22-31 22-32 23-29 23-30
normalized bonds :
13-14 13-18 14-15 15-16 16-17 17-18
isolated ring systems :
containing 1 : 13 :

Match level :

1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:Atom 8:Atom 9:Atom 11:CLASS
12:CLASS 13:Atom 14:Atom 15:Atom 16:Atom 17:Atom 18:Atom 19:CLASS 20:CLASS
21:CLASS 22:CLASS 23:CLASS 24:CLASS 25:CLASS 26:CLASS 27:CLASS 28:CLASS
29:CLASS 30:CLASS 31:CLASS 32:CLASS 33:CLASS 34:CLASS 35:CLASS 36:CLASS
37:CLASS 38:CLASS 39:CLASS

L1 STRUCTURE UPLOADED

=> d l1
L1 HAS NO ANSWERS
L1 STR

* STRUCTURE DIAGRAM TOO LARGE FOR DISPLAY - AVAILABLE VIA OFFLINE PRINT *

Structure attributes must be viewed using STN Express query preparation.

=> s l1
SAMPLE SEARCH INITIATED 08:07:20 FILE 'REGISTRY'
SAMPLE SCREEN SEARCH COMPLETED - 1 TO ITERATE

100.0% PROCESSED 1 ITERATIONS 0 ANSWERS
SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE **COMPLETE**
BATCH **COMPLETE**
PROJECTED ITERATIONS: 1 TO 80
PROJECTED ANSWERS: 0 TO 0

L2 0 SEA SSS SAM L1

=> s l1 full
FULL SEARCH INITIATED 08:07:24 FILE 'REGISTRY'
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100.0% PROCESSED 43 ITERATIONS 3 ANSWERS
SEARCH TIME: 00.00.01

L3 3 SEA SSS FUL L1

=> file caplus
COST IN U.S. DOLLARS SINCE FILE ENTRY TOTAL SESSION
FULL ESTIMATED COST 172.10 172.52

FILE 'CAPLUS' ENTERED AT 08:07:29 ON 09 JUL 2007
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FILE COVERS 1907 - 9 Jul 2007 VOL 147 ISS 3
FILE LAST UPDATED: 8 Jul 2007 (20070708/ED)

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=> s l3 full
L4 9 L3

=> d ibib abs hitstr tot

L4 ANSWER 1 OF 9 CAPLUS COPYRIGHT 2007 ACS on STN
ACCESSION NUMBER: 2007:410774 CAPLUS
DOCUMENT NUMBER: 146:421985
TITLE: Preparation of isotopically substituted (deuterated) (fused) imidazopyridines for the treatment of gastrointestinal disorders
INVENTOR(S): Kohl, Bernhard; Zimmermann, Peter Jan; Zech, Karl; Buhr, Wilm; Palmer, Andreas; Brehm, Christof; Chiesa, Maria Vittoria; Kromer, Wolfgang; Postius, Stefan; Simon, Wolfgang-Alexander; Holst, Hans Christof
PATENT ASSIGNEE(S): Altana Pharma AG, Germany
SOURCE: PCT Int. Appl., 62pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2007039464	A1	20070412	WO 2006-EP66544	20060920

W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HN, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR, KZ, LA, LC, LK, LR, LS, LT, LU, LV, LY, MA, MD, MG, MK, MN, MW, MX, MY, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RS, RU, SC, SD, SE, SG, SK, SL, SM, SV, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, ZA, ZM, ZW
RW: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, LV, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG, BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM

PRIORITY APPLN. INFO.: EP 2005-108764 A 20050922
EP 2006-101701 A 20060215
OTHER SOURCE(S): MARPAT 146:421985
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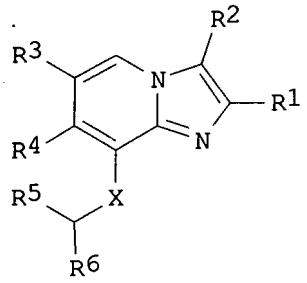

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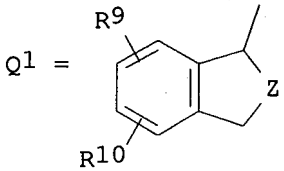
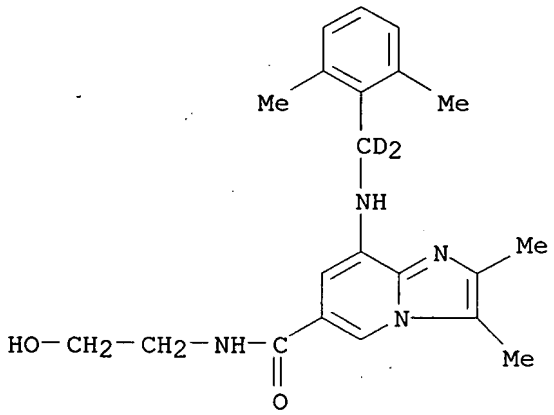


AB Title compds. [I; R1 = H, alkyl, cycloalkyl, cycloalkylalkyl, alkoxy, alkoxyalkyl, alkoxycarbonyl, alkenyl, alkynyl, fluoroalkyl, hydroxyalkyl; R2 = H, alkyl, cycloalkyl, cycloalkylalkyl, alkoxycarbonyl, hydroxyalkyl, halo, alkenyl, alkynyl, fluoroalkyl, cyanomethyl; R3 = H, halo, alkyl, fluoroalkyl, CO2H, alkoxycarbonyl, hydroxyalkyl, alkoxyalkyl, fluoroalkoxyalkyl, etc.; R4, R5 = H, R6 = (substituted) Ph; or R4R5 = CHR7CHR8; R7, R8 = H, OH, alkoxy, cycloalkoxy, cycloalkylalkoxy, alkoxyalkoxy, fluoroalkoxy, hydroxyalkoxy, etc.; or R4 = H, R5R6 = Q1; Z = CHR11, CHR11CHR12; R9 = H, alkyl, hydroxyalkyl, alkoxy, alkenyloxy, aryloxy, etc.; R10 = H, alkyl, alkoxy,, alkoxycarbonyl, halo, CF3, OH; R11, R12 = H, alkyl, alkenyl, OH, alkoxy, alkylcarbonylamino, etc.; X = O, NH; ≥1 of the H atoms of R1-R6 or of the core structure is replaced with D], were prepared Thus, Me 8-[(2,6-dimethylphenyl)dideuteromethylamino]-2,3-dimethylimidazo[1,2-a]pyridine-6-carboxylate (preparation given) was heated 1 h with ethanolamine to give 73% 8-[(2,6-dimethylphenyl)dideuteromethylamino]-N-(2-hydroxyethyl)-2,3-dimethylimidazo-6-carboxamide. The latter inhibited H+/K+-ATPase with -lg IC50 = 6.0.

IT 934248-01-8P
RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
(claimed compound; preparation of isotopically substituted (deuterated) (fused) imidazopyridines for the treatment of gastrointestinal disorders)

RN 934248-01-8 CAPLUS

CN Imidazo[1,2-a]pyridine-6-carboxamide, 8-[[(2,6-dimethylphenyl)methyl-d2]amino]-N-(2-hydroxyethyl)-2,3-dimethyl- (CA INDEX NAME)



REFERENCE COUNT: 4 THERE ARE 4 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 2 OF 9 CAPLUS COPYRIGHT 2007 ACS on STN
ACCESSION NUMBER: 2006:1173242 CAPLUS
DOCUMENT NUMBER: 145:489255
TITLE: Preparation of mutual prodrug compounds for use as antiinflammatory agents with gastrointestinal protective activity
INVENTOR(S): Brehm, Christof; Klein, Thomas; Buhr, Wilm; Chiesa, Maria Vittoria; Palmer, Andreas; Zimmermann, Peter Jan; Simon, Wolfgang-Alexander; Kromer, Wolfgang; Postius, Stefan; Grundler, Gerhard
PATENT ASSIGNEE(S): Altana Pharma A.-G., Germany
SOURCE: PCT Int. Appl., 70pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2006117315	A1	20061109	WO 2006-EP61850	20060426

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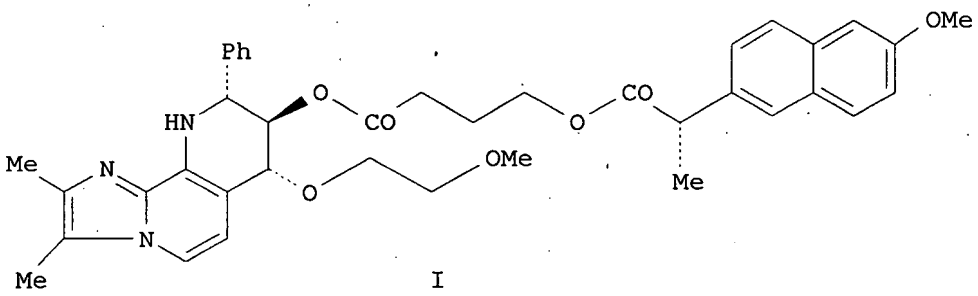
RW: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, LV, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG, BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM

PRIORITY APPLN. INFO.: EP 2005-103581 A 20050429
OTHER SOURCE(S): MARPAT 145:489255
GI



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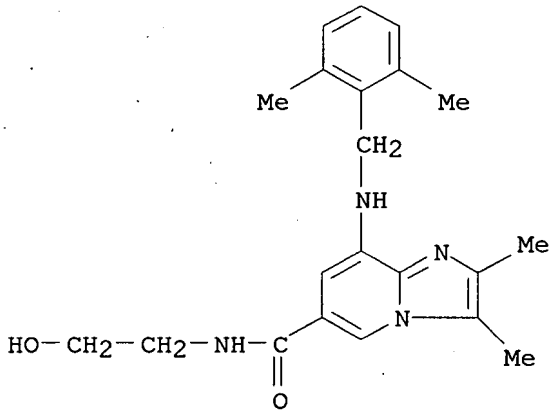
AB The invention concerns A-Y-X-z-C(O)O-B (A is derived from ACO2H having antipyretic, analgesic, antiphlogistic and/or antiinflammatory properties; B is derived from HOB that are potassium competitive acid blockers; X = bond or linker (e.g. (un)substituted -(CH2)nOm(CH2)pOq(CH2)r (n = 1-7; m = 0, 1; p = 0-7; q = 0, 1; r = 0-7)); Y = -C(O)O- with A attached to the carbonyl carbon; z = bond, -O-, -CHR1- or -NR1- (R1 = H or C1-4 alkyl); or X, Y and z together form a bond; addnl. details including provisos are given in the claims; e.g. (S)-2-(6-methoxynaphthalen-2-yl)propionic acid 3-[[[(7R,8R,9R)-2,3-dimethyl-7-(2-methoxyethoxy)-9-phenyl-7,8,9,10-tetrahydroimidazo[1,2-h][1,7]naphthyridin-8-yl]oxy]carbonyl]propyl ester

(shown as I)) and their salts. The compds. are prodrugs and exhibit in the human and/or animal body antipyretic, analgesic, antiphlogistic and/or antiinflammatory activity as well as gastric acid secretion inhibiting and therefore gastro and intestinal protective activity. Although the methods of preparation are not claimed, prepns. and/or characterization data for 23 examples of I and similar compds. are included. For example, I was prepared from (S)-2-(6-methoxynaphthalen-2-yl)propionic acid and 4-hydroxybutyric acid (7R,8R,9R)-2,3-dimethyl-7-(2-methoxyethoxy)-9-phenyl-7,8,9,10-tetrahydroimidazo[1,2-h][1,7]naphthyridin-8-yl ester in THF using DMAP and toluenesulfonyl chloride. Data are provided for the inhibition of gastric acid secretion by 2 examples of I or similar compds. and for inhibition of COX-1/2 by 11 examples of I or similar compds.

IT 248919-64-4, 2,3-Dimethyl-8-[(2,6-dimethylbenzyl)amino]-6-[N-(2-hydroxyethyl)aminocarbonyl]imidazo[1,2-a]pyridine
RL: RCT (Reactant); RACT (Reactant or reagent)
(preparation of mutual prodrug compds. for use as antiinflammatory agents with gastrointestinal protective activity)

RN 248919-64-4 CAPLUS

CN Imidazo[1,2-a]pyridine-6-carboxamide, 8-[[(2,6-dimethylphenyl)methyl]amino]-N-(2-hydroxyethyl)-2,3-dimethyl- (9CI) (CA INDEX NAME)



REFERENCE COUNT: 2 THERE ARE 2 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 3 OF 9 CAPLUS COPYRIGHT 2007 ACS on STN
ACCESSION NUMBER: 2005:570894 CAPLUS
DOCUMENT NUMBER: 143:83527
TITLE: Crystalline forms of 2,3-dimethyl-8-(2,6-dimethylbenzylamino)-N-hydroxyethylimidazo[1,2-a]pyridine-6-carboxamide mesylate salt
INVENTOR(S): Lilljequist, Lars; Lindkvist, Maria; Nordberg, Peter; Pettersson, Ursula; Sebhatu, Tesfai
PATENT ASSIGNEE(S): Astrazeneca AB, Swed.
SOURCE: PCT Int. Appl., 66 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2005058895	A1	20050630	WO 2004-SE1909	20041216

W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD,

GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC,
LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI,
NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY,
TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW
RW: BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM,
AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK,
EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT,
RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML,
MR, NE, SN, TD, TG

AU 2004299435	A1	20050630	AU 2004-299435		20041216
CA 2549144	A1	20050630	CA 2004-2549144		20041216
EP 1697360	A1	20060906	EP 2004-809082		20041216
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CN 1894246	A	20070110	CN 2004-80037988		20041216
BR 2004017640	A	20070327	BR 2004-17640		20041216
JP 2007514744	T	20070607	JP 2006-545292		20041216
US 2007112021	A1	20070517	US 2006-582838		20060614
NO 2006003309	A	20060914	NO 2006-3309		20060717
PRIORITY APPLN. INFO.:			SE 2003-3451	A	20031218
			WO 2004-SE1909	W	20041216

AB The present invention relates to novel crystalline forms of 2,3-dimethyl-8-(2,6-dimethylbenzylamino)-N-hydroxyethylimidazo[1,2-a]pyridine-6-carboxamide mesylate salt (I) and to mixture thereof. Further, the present invention also relates to processes for obtaining them, the use of the compds. for the treatment of gastrointestinal disorders, and pharmaceutical compns. containing them. 2,3-Dimethyl-8-(2,6-dimethylbenzylamino)-N-hydroxyethylimidazo[1,2-a]pyridine-6-carboxamide was treated with methanesulfonic acid in EtOH to give crystals of I Form A. The compound was characterized by x-ray crystallog.

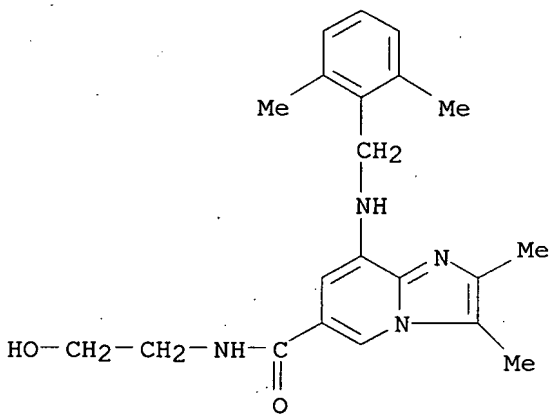
IT 855998-67-3P
RL: PRP (Properties); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
(crystalline forms of (dimethylbenzylamino)hydroxyethylimidazopyridinecarboxamide)

RN 855998-67-3 CAPLUS

CN Imidazo[1,2-a]pyridine-6-carboxamide, 8-[[(2,6-dimethylphenyl)methyl]amino]-N-(2-hydroxyethyl)-2,3-dimethyl-, monomethanesulfonate (salt) (9CI) (CA INDEX NAME)

CM 1

CRN 248919-64-4
CMF C21 H26 N4 O2



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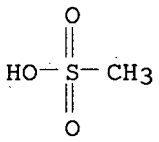
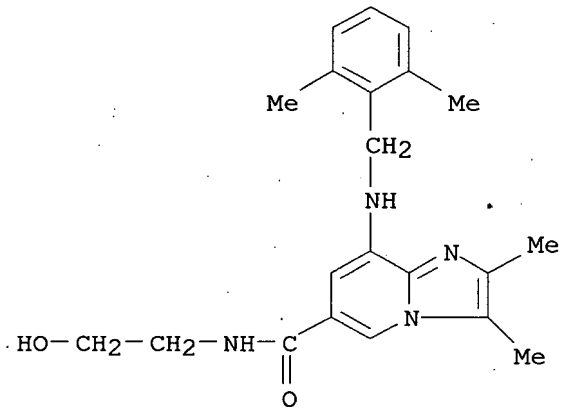


IT 248919-64-4
RL: RCT (Reactant); THU (Therapeutic use); BIOL (Biological study); RACT (Reactant or reagent); USES (Uses)
(crystalline forms of (dimethylbenzylamino)hydroxyethylimidazopyridinecarboxamide)

RN 248919-64-4 CAPLUS
CN Imidazo[1,2-a]pyridine-6-carboxamide, 8-[[(2,6-dimethylphenyl)methyl]amino]-N-(2-hydroxyethyl)-2,3-dimethyl- (9CI) (CA INDEX NAME)



REFERENCE COUNT: 5 THERE ARE 5 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 4 OF 9 CAPLUS COPYRIGHT 2007 ACS on STN
ACCESSION NUMBER: 2005:409313 CAPLUS
DOCUMENT NUMBER: 142:457095
TITLE: Imidazo [1,2-a] pyridine derivatives for the treatment of silent gastro-esophageal reflux
INVENTOR(S): Fernstroem, Paula; Hasselgren, Goeran
PATENT ASSIGNEE(S): Astrazeneca AB, Swed.
SOURCE: PCT Int. Appl., 40 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2005041961	A1	20050512	WO 2004-SE1589	20041103

W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD,

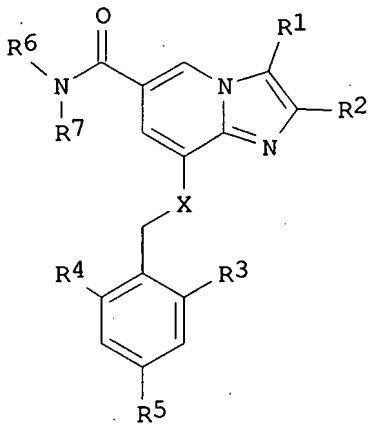
GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW

RW: BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG

AU 2004285394	A1	20050512	AU 2004-285394	20041103
CA 2544325	A1	20050512	CA 2004-2544325	20041103
EP 1682133	A1	20060726	EP 2004-800252	20041103
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, CY, TR, BG, CZ, EE, HU, PL, SK, HR, IS				
CN 1874772	A	20061206	CN 2004-80032415	20041103
NO 2006002570	A	20060803	NO 2006-2570	20060602
PRIORITY APPLN. INFO.:			US 2003-517125P P	20031103
			WO 2004-SE1589 W	20041103

OTHER SOURCE(S): MARPAT 142:457095

GI



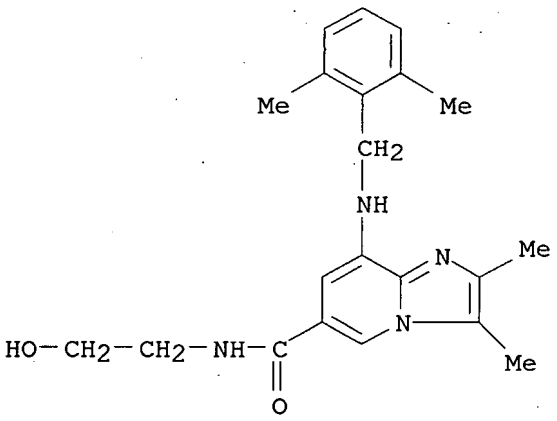
I

AB The present invention relates to a new method of treatment of sleep disturbance due to silent gastro-esophageal reflux. The invention further relates to the use of potassium-competitive acid blockers (P-CAB's) which inhibit the enzyme responsible for gastric acid secretion (H+/K+-ATPase). In particular, the present invention relates to the use of certain imidazo (1,2-a)pyridines derivs. (I wherein R1 = H, Me or Et: R2 = Me or Et; R3 and R4 = H, C1-6 alkyl, hydroxylated C1-6 alkyl or halogen; R5 = H or halogen; R6 and R7 = H, C1-6 alkyl, hydroxylated C1-6 alkyl or C1-6 alkoxy-substituted C1-6 alkyl and X = NH or O) in said treatment.

IT 248919-64-4
RL: PAC (Pharmacological activity); THU (Therapeutic use); BIOL (Biological study); USES (Uses)
(imidazo[a]pyridine derivs. for treatment of silent gastro-esophageal reflux and sleep disturbances in relation to potassium-competitive acid secretion blockade)

RN 248919-64-4 CAPLUS

CN Imidazo[1,2-a]pyridine-6-carboxamide, 8-[[(2,6-dimethylphenyl)methyl]amino]-N-(2-hydroxyethyl)-2,3-dimethyl- (9CI) (CA INDEX NAME)



REFERENCE COUNT: 8 THERE ARE 8 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 5 OF 9 CAPLUS COPYRIGHT 2007 ACS on STN
ACCESSION NUMBER: 2004:1059201 CAPLUS
DOCUMENT NUMBER: 142:32977
TITLE: Pharmaceutical combinations of a proton pump inhibitor and a compound which modifies gastrointestinal motility
INVENTOR(S): Zimmermann, Peter Jan; Chiesa, M. Vittoria; Palmer, Andreas; Brehm, Christof; Klein, Thomas; Senn-Bilfinger, Joerg; Simon, Wolfgang-Alexander; Kromer, Wolfgang; Grundler, Gerhard; Hanauer, Guido; Buhr, Wilm; Postius, Stefan
PATENT ASSIGNEE(S): Altana Pharma A.-G., Germany
SOURCE: PCT Int. Appl., 102 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 2
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2004105795	A1	20041209	WO 2004-EP50936	20040526
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW				
RW: BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
AU 2004243444	A1	20041209	AU 2004-243444	20040526
CA 2526566	A1	20041209	CA 2004-2526566	20040526
EP 1644043	A1	20060412	EP 2004-741658	20040526
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, PL, SK, HR				
JP 2006528231	T	20061214	JP 2006-530222	20040526
US 2006241134	A1	20061026	US 2005-557414	20051118
NO 2005005968	A	20051215	NO 2005-5968	20051215
PRIORITY APPLN. INFO.:			EP 2003-11875 A	20030527
			EP 2004-102304 A	20040525

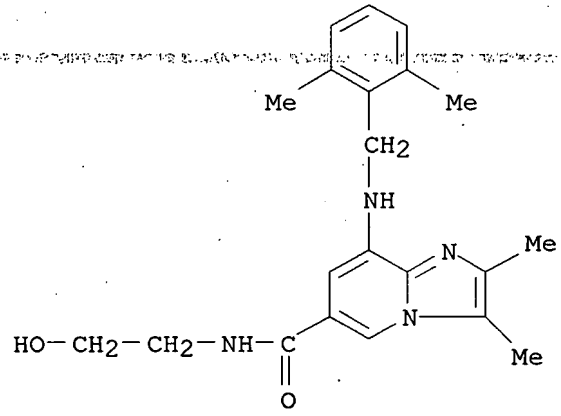
WO 2004-EP50936 W 20040526

AB The invention relates to the combination of certain active compds. from the acid pump antagonist class and compds. which modify gastrointestinal motility. The acid pump antagonist class is selected from a tricyclic imidazopyridine and the gastrointestinal motility modifier is selected from a 5-HT-(partial)-agonist/antagonist.

IT 248919-64-4
RL: THU (Therapeutic use); BIOL (Biological study); USES (Uses)
(pharmaceutical combinations of proton pump inhibitor and modifier of gastrointestinal motility)

RN 248919-64-4 CAPLUS

CN Imidazo[1,2-a]pyridine-6-carboxamide, 8-[[(2,6-dimethylphenyl)methyl]amino]-N-(2-hydroxyethyl)-2,3-dimethyl- (9CI) (CA INDEX NAME)



REFERENCE COUNT: 16 THERE ARE 16 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 6 OF 9 CAPLUS COPYRIGHT 2007 ACS on STN
ACCESSION NUMBER: 2003:913040 CAPLUS
DOCUMENT NUMBER: 139:375018
TITLE: Combinations containing proton pump inhibitors for the treatment of airway disorders
INVENTOR(S): Hanauer, Guido; Kromer, Wolfgang; Postius, Stefan; Simon, Wolfgang-Alexander
PATENT ASSIGNEE(S): Altana Pharma A.-G., Germany
SOURCE: PCT Int. Appl., 21 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2003094967	A2	20031120	WO 2003-EP4653	20030503
WO 2003094967	A3	20040401		
W: AE, AL, AU, BA, BR, CA, CN, CO, CU, DZ, EC, GE, HR, ID, IL, IN, IS, JP, KR, LT, LV, MA, MK, MX, NO, NZ, PH, PL, SG, TN, UA, US, VN, YU, ZA, ZW				
RW: AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR				
AU 2003227710	A1	20031111	AU 2003-227710	20030503
CA 2484272	A1	20031120	CA 2003-2484272	20030503
EP 1506016	A2	20050216	EP 2003-725140	20030503

R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK

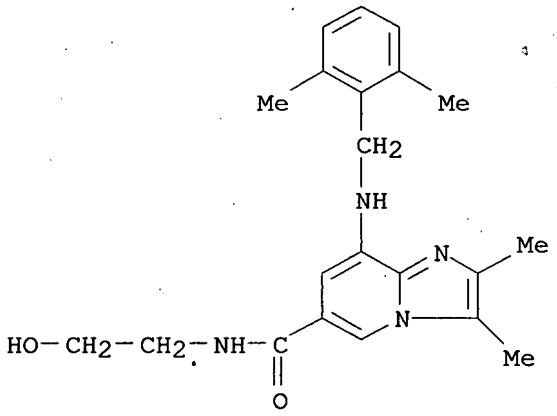
BR 2003009808	A	20050301	BR 2003-9808		20030503
CN 1652822	A	20050810	CN 2003-810400		20030503
JP 2005528418	T	20050922	JP 2004-503050		20030503
IN 2004MN00536	A	20050513	IN 2004-MN536		20040928
US 2005222193	A1	20051006	US 2004-513598		20041105
NO 2004005343	A	20041206	NO 2004-5343		20041206
PRIORITY APPLN. INFO.:			EP 2002-10305	A	20020507
			WO 2003-EP4653	W	20030503

AB A method for treating airway disorders comprises a reversible proton pump inhibitor and an airway therapeutic to be taken simultaneously (as a fixed oral combination) or in succession (one directly after the other or else within a relatively large time span). The reversible proton pump inhibitor is, e.g., Soraprazan or its salt, and the airway therapeutic is, e.g., Ciclesonide.

IT 248919-64-4
RL: THU (Therapeutic use); BIOL (Biological study); USES (Uses)
(oral combination of reversible proton pump inhibitors and airway therapeutics for treatment of airway disorders)

RN 248919-64-4 CAPLUS

CN Imidazo[1,2-a]pyridine-6-carboxamide, 8-[[(2,6-dimethylphenyl)methyl]amino]-N-(2-hydroxyethyl)-2,3-dimethyl- (9CI) (CA INDEX NAME)



L4 ANSWER 7 OF 9 CAPLUS COPYRIGHT 2007 ACS on STN

ACCESSION NUMBER:	2002:637503 CAPLUS
DOCUMENT NUMBER:	137:190728
TITLE:	Novel modified release formulation containing carboxamide derivatives for inhibition of secretion of gastric acid
INVENTOR(S):	Juppo, Anne
PATENT ASSIGNEE(S):	Astrazeneca Ab, Swed.
SOURCE:	PCT Int. Appl., 35 pp. CODEN: PIXXD2
DOCUMENT TYPE:	Patent
LANGUAGE:	English
FAMILY ACC. NUM. COUNT:	2

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2002064118	A1	20020822	WO 2002-SE227	20020208

W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH,

GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZM, ZW

RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG

CA 2434542	A1	20020822	CA 2002-2434542	20020208
AU 2002230344	A1	20020828	AU 2002-230344	20020208
EP 1361868	A1	20031119	EP 2002-711597	20020208
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CN 1491105	A	20040421	CN 2002-804906	20020208
CN 1491104	A	20040421	CN 2002-804914	20020208
JP 2004518708	T	20040624	JP 2002-563914	20020208
NZ 526993	A	20050128	NZ 2002-526993	20020208
AT 324871	T	20060615	AT 2002-710645	20020208
PT 1368006	T	20060831	PT 2002-710645	20020208
ES 2261643	T3	20061116	ES 2002-710645	20020208
ZA 2003005944	A	20050311	ZA 2003-5944	20030731
US 2004067252	A1	20040408	US 2003-467723	20030811
PRIORITY APPLN. INFO.:			SE 2001-477 A	20010213
			SE 2001-478 A	20010213
			WO 2002-SE227 W	20020208

OTHER SOURCE(S): MARPAT 137:190728

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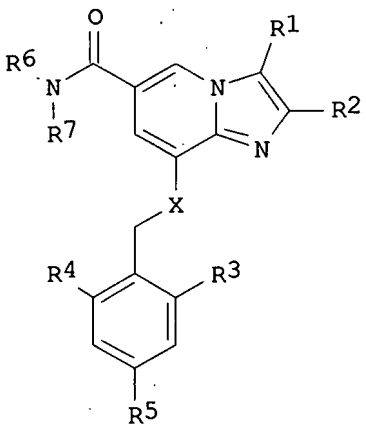


I

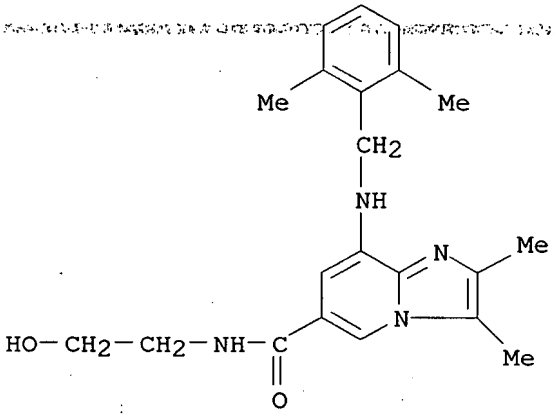
AB A multiparticulate (particle size < 300 μm), modified-release solid dispersion formulation comprises (i) a drug substance having a pH-dependent solubility, i.e., compound I (R1 = H, Me, Et; R2 = Me, Et; R3, R4 = H, C1-6 alkyl, hydroxylated C1-6 alkyl, halogen; R5 = H, halogen; R6, R7 = H, C1-6 alkyl, hydroxylated C1-6 alkyl, C1-6 alkoxy-substituted C1-6 alkyl; X = NH, O) or a pharmaceutically acceptable salt thereof; (ii) a hydrophobic matrix former which is a water-insol., non-swelling amphiphilic lipid; and (iii) a hydrophilic matrix former which is a meltable, water-soluble excipient. The weight ratio of hydrophobic matrix former/hydrophilic matrix former is ≥1 and the particle size is less than 300 μm. Also a unit dosage form of the compound I, as well as a process for its preparation, and the use of the formulation and unit dosage form for inhibiting the secretion of gastric acid are described. For example, multiparticulate, modified-release formulation was prepared by dissolving 1 g of 2,3-dimethyl-8-(2-ethyl-6-methylbenzylamino)imidazo[1,2-a]pyridine-6-carboxamide mesylate in a melt of 4 g myristic acid at

90° and adding 2 g of polyethylene glycol 4000 (PEG 4000) into the melt. The melted mixture was atomized at 90° and the particles were collected into a vessel which was kept on ice. The resulted particles were spherical and < 300 μm in size. The amount of 3 g of particles were blended with 5.85 g microcryst. cellulose and 0.016 g sodium stearyl fumarate and compressed into 450 mg tablets. The dissoln. of tablets was 52-56% in 3 h.

IT 248919-64-4
RL: THU (Therapeutic use); BIOL (Biological study); USES (Uses)
(controlled-release formulation containing imidazopyridine carboxamide derivs. for inhibition of gastric acid secretion)

RN 248919-64-4 CAPLUS

CN Imidazo[1,2-a]pyridine-6-carboxamide, 8-[[(2,6-dimethylphenyl)methyl]amino]-N-(2-hydroxyethyl)-2,3-dimethyl- (9CI) (CA INDEX NAME)



REFERENCE COUNT: 6 THERE ARE 6 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 8 OF 9 CAPLUS COPYRIGHT 2007 ACS on STN

ACCESSION NUMBER: 2002:185119 CAPLUS
DOCUMENT NUMBER: 136:249369
TITLE: Process for preparing a substituted imidazopyridine compound
INVENTOR(S): Elman, Bjoern; Erback, Silke; Thiemermann, Eric
PATENT ASSIGNEE(S): Astrazeneca AB, Swed.
SOURCE: PCT Int. Appl., 27 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2002020523	A1	20020314	WO 2001-SE1897	20010905
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW				
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
CA 2419764	A1	20020314	CA 2001-2419764	20010905

AU 200184594	A	20020322	AU 2001-84594	20010905
EP 1317455	A1	20030611	EP 2001-963665	20010905
EP 1317455	B1	20040804		
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR				
BR 2001013602	A	20030715	BR 2001-13602	20010905
HU 200302277	A2	20031028	HU 2003-2277	20010905
HU 225459	B1	20061228		
JP 2004508371	T	20040318	JP 2002-525144	20010905
AT 272637	T	20040815	AT 2001-963665	20010905
NZ 524302	A	20040827	NZ 2001-524302	20010905
PT 1317455	T	20041130	PT 2001-963665	20010905
EE 200300090	A	20041215	EE 2003-90	20010905
ES 2223906	T3	20050301	ES 2001-1963665	20010905
CZ 294957	B6	20050413	CZ 2003-643	20010905
RU 2275372	C2	20060427	RU 2003-104987	20010905
ZA 2003001171	A	20040318	ZA 2003-1171	20030212
IN 2003MN00220	A	20060505	IN 2003-MN220	20030214
NO 2003001046	A	20030505	NO 2003-1046	20030306
US 2004039013	A1	20040226	US 2003-363806	20030627
US 6900324	B2	20050531		
HK 1054388	A1	20050408	HK 2003-106657	20030916
US 2006063797	A1	20060323	US 2005-107352	20050414

PRIORITY APPLN. INFO.:

SE 2000-3186	A	20000907
WO 2001-SE1897	W	20010905
US 2003-363806	A1	20030627

OTHER SOURCE(S): MARPAT 136:249369

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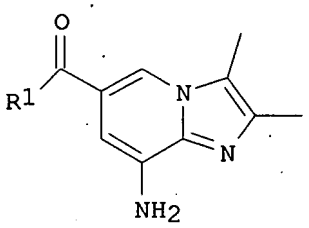

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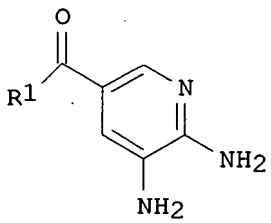


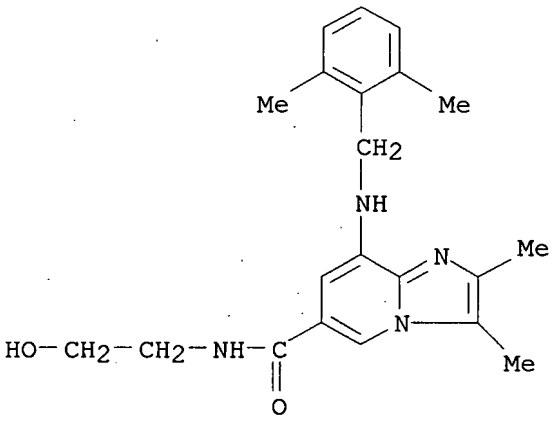
II

AB Present invention provides a new process for large-scale preparation of substituted imidazopyridine compound of formula (I), wherein R1 = C1-6 alkoxy or NH2 group, comprising the step of reacting a compound of formula (II) with a 3-halo-2-butanone compound in cyclohexanone. Thus, 5.1 g 5,6-diaminonicotinic acid Me ester, 50 mL cyclohexanone, and 3.9 mL bromobutanone were agitated at 100° for 2.5 h to give Me 8-amino-2,3-dimethylimidazo[1,2-a]pyridine-6-carboxylate.

IT 248919-64-4P
RL: IMF (Industrial manufacture); PREP (Preparation)
(process for preparing a substituted imidazopyridine compound)

RN 248919-64-4 CAPLUS

CN Imidazo[1,2-a]pyridine-6-carboxamide, 8-[[(2,6-dimethylphenyl)methyl]amino]-N-(2-hydroxyethyl)-2,3-dimethyl- (9CI) (CA INDEX NAME)



REFERENCE COUNT: 3 THERE ARE 3 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 9 OF 9 CAPLUS COPYRIGHT 2007 ACS on STN
ACCESSION NUMBER: 1999:708770 CAPLUS
DOCUMENT NUMBER: 131:322617
TITLE: Preparation of imidazopyridines which inhibit gastric acid secretion
INVENTOR(S): Amin, Kosrat; Dahlstrom, Michael; Nordberg, Peter; Starke, Ingemar
PATENT ASSIGNEE(S): Astra AB, Swed.
SOURCE: PCT Int. Appl., 77 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 2
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 9955706	A1	19991104	WO 1999-SE663	19990423
W: AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZA, ZW				
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TW 490466	B	20020611	TW 1999-88106129	19990416
TW 250159	B	20060301	TW 1999-88106128	19990416
CA 2329922	A1	19991104	CA 1999-2329922	19990423
CA 2329922	C	20060411		
AU 9943007	A	19991116	AU 1999-43007	19990423
AU 769190	B2	20040122		
BR 9909996	A	20001226	BR 1999-9996	19990423
EP 1073657	A1	20010207	EP 1999-947038	19990423
EP 1073657	B1	20051207		
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TR 200003149	T2	20010321	TR 2000-200003149	19990423
TR 200003176	T2	20010321	TR 2000-200003176	19990423
HU 200102425	A2	20011128	HU 2001-2425	19990423
EE 200000664	A	20020415	EE 2000-664	19990423
JP 2002513025	T	20020508	JP 2000-545865	19990423
JP 3692034	B2	20050907		

TR 200102612	T2	20020621	TR 2001-200102612		19990423
TR 200102728	T2	20020621	TR 2001-200102728		19990423
CZ 292567	B6	20031015	CZ 2000-3982		19990423
NZ 507639	A	20040130	NZ 1999-507639		19990423
CZ 293977	B6	20040915	CZ 2000-3981		19990423
RU 2238271	C2	20041020	RU 2000-127019		19990423
EP 1491542	A2	20041229	EP 2004-23090		19990423
EP 1491542	A3	20050105			
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY					
EP 1491543	A1	20041229	EP 2004-23091		19990423
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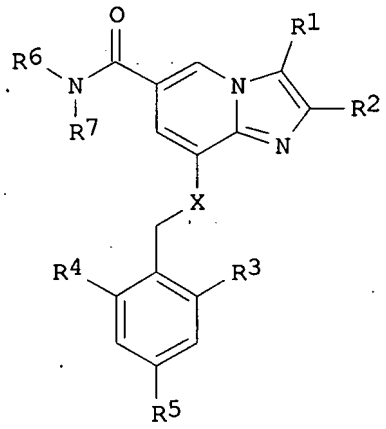
AT 312101	T	20051215	AT 1999-947038		19990423
ES 2249913	T3	20060401	ES 1999-947037		19990423
ES 2252975	T3	20060516	ES 1999-947038		19990423
US 6313137	B1	20011106	US 1999-319973		19990614
IN 2000MN00497	A	20050318	IN 2000-MN497		20001012
ZA 2000005796	A	20020118	ZA 2000-5796		20001018
ZA 2000005797	A	20020118	ZA 2000-5797		20001018
MX 2000PA10239	A	20010405	MX 2000-PA10239		20001019
NO 2000005450	A	20001222	NO 2000-5450		20001027
NO 317262	B1	20040927			
HK 1033317	A1	20060630	HK 2001-104064		20010613
HK 1036984	A1	20050429	HK 2001-107857		20011108
PRIORITY APPLN. INFO.:			SE 1998-1526	A	19980429
			EP 1999-947037	A3	19990423
			EP 1999-947038	A3	19990423
			WO 1999-SE663	W	19990423

OTHER SOURCE(S): MARPAT 131:322617

GI



I

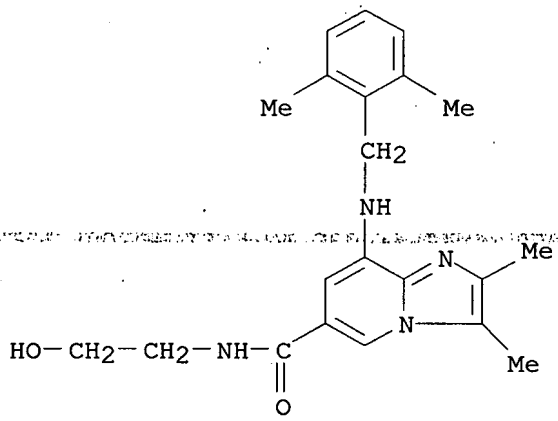
AB The title compds. [I; R1 = H, Me, CH2OH; R2 = Me, Et; R3 = H, alkyl, halo, etc.; R4 = H, alkyl, halo, etc.; R5 = H, halo; R6, R7 = H, alkyl, hydroxylated alkyl, etc.; X = NH, O] which inhibit exogenously or endogenously stimulated gastric acid secretion (no data) and thus can be used in the prevention and treatment of gastrointestinal inflammatory diseases, and for treatment or prophylaxis of conditions involving infection by Helicobacter pylori of human gastric mucosa, were prepared Thus, reacting Et 2,3-dimethyl-8-(2-ethyl-6-methylbenzylamino)-imidazo[1,2-a]pyridine-6-carboxylate with propylamine in the presence of a cat. amount of NaCN in MeOH afforded 42% I [R1 = R2 = R4 = Me; R3 = Et; R5 = R7 = H; R6 = Pr]. In general, compds. I are effective at 5-1000 mg/day.

IT 248919-64-4P

RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
(preparation of imidazopyridines which inhibit gastric acid secretion)

RN 248919-64-4 CAPLUS

CN Imidazo[1,2-a]pyridine-6-carboxamide, 8-[[(2,6-dimethylphenyl)methyl]amino]-N-(2-hydroxyethyl)-2,3-dimethyl- (9CI) (CA INDEX NAME)



REFERENCE COUNT: 5 THERE ARE 5 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

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(FILE 'HOME' ENTERED AT 08:05:59 ON 09 JUL 2007)

FILE 'REGISTRY' ENTERED AT 08:07:01 ON 09 JUL 2007
L1 STRUCTURE UPLOADED
L2 0 S L1
L3 3 S L1 FULL

FILE 'CAPLUS' ENTERED AT 08:07:29 ON 09 JUL 2007
L4 9 S L3 FULL

=> log y

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	47.90	220.42
DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE ENTRY	TOTAL SESSION
CA SUBSCRIBER PRICE	-7.02	-7.02

STN INTERNATIONAL LOGOFF AT 08:08:10 ON 09 JUL 2007